

The current AQI based on data for the **New Orleans** area is as follows:

Location	Air Quality	AQI Value	PM 2.5* (UG/M3)	Last Updated
CH_VISTA	Moderate	82	28.2	8/31/2011 9:00:00 AM
KENNER	Moderate	79	26.7	8/31/2011 9:00:00 AM
MADISNVL	Unhealthy for sensitive groups	112	42.5	8/31/2011 9:00:00 AM
CITYPARK	Moderate	69	23	8/31/2011 6:00:00 AM

CH VISTA is **Chalmette**. Add two hours to the times due to daylight savings time and the time configuration of the data loggers that poll each air monitor

The current AQI based on data for the **Baton Rouge** area is as follows:

Location	Air Quality	AQI Value	PM 2.5* (UG/M3)	Last Updated
CAPITOL	Unhealthy for sensitive groups	119	46.4	8/31/2011 9:00:00 AM
FRENCHS	Moderate	83	28.6	8/31/2011 9:00:00 AM
PRTALLEN	Unhealthy for sensitive groups	129	52.8	8/31/2011 8:00:00 AM

The following is a compilation of running data for the **Port Allen** monitor:

Time	PM25 (UG/M3)	WDIR (DEG)	WSP (MPH)
00:00	30	194	1
01:00	24	171	2
02:00	28	267	1
03:00	29	6	1
04:00	42	18	2
05:00	76	41	2
06:00	102	41	4
07:00	96	39	5
08:00		76	2
09:00	43	84	2

The following is a compilation of running data for the **Capital** monitor:

Time	PM10 (UG/M3)	PM25 (UG/M3)	WDIR (DEG)	WSP (MPH)
00:00	50	25	190	1
01:00	57	20	145	1
02:00	36	20	209	1
03:00	41	23	10	1
04:00	75	37	279	4
05:00	120	65	45	2
06:00	149	95	156	6
07:00	118	90	139	4
08:00	103	47	51	4
09:00	58	36	28	6

The following is a compilation of running data for the **Chalmette** monitor:

Time	PM10 (UG/M3)	PM25 (UG/M3)	WDIR (DEG)	WSP (MPH)
00:00	47	27	305	1
01:00	42	39	43	1
02:00	39	27	338	1
03:00	55	24	336	1
04:00	39	26	345	1
05:00	44	23	15	1
06:00	93	34	66	2
07:00	51	37	55	3
08:00	37	23	71	4
09:00	30	18	283	6

The **Madisonville** data is as follows:

Time	PM25 (UG/M3)
00:00	27.4
01:00	53.5
02:00	66.1
03:00	55.0
04:00	41.5
05:00	30.3
06:00	29.1
07:00	32.5
08:00	31.4
09:00	58.5

The **City Park** data is as follows:

Time	PM10 (UG/M3)	PM25 (UG/M3)	WDIR (DEG)	WSP (MPH)
00:00	49	19.5	161	0
01:00	52	22.3	34	0
02:00	46	23.7	45	0
03:00	42	22.3	122	1
04:00	39	23.8	337	1
05:00	42	24.8	79	1
06:00	52	24.9	93	2

The hourly averages from the **MAML** located at the New Orleans East Fire Station at the corner of Dwyer and Read were:

Date	Hour*	PM _{2.5} (µg/m ³)	WDIR (deg)	WSP (mph)	
8/29/2011	16	14.0	343	2.5	*time matches current central time and is 1 hr ahead of stationary site data (23:00 maml data = 22:00 site data)
	17	25.4	351	2.5	
	18	37.2	70	2.0	

	19	30.9	116	2.6					
	20	37.8	143	2.5					
	21	40.0	155	1.3					
	22	33.1	258	0.8					
	23	37.2	165	0.7	Hour average starts at time listed				
8/30/2011	0	37.1	179	0.5	approx distance MAML to fire: 4.8mi				
	1	37.6	111	0.3	approx bearing range MAML to fire: 44° - 53°				
	2	32.5	148	0.2	Fire Station: 5403 Read Blvd				
	3	37.5	180	0.9					
	4	33.9	94	0.3	arithmetic computations for wind direction				
	5	34.1	1	0.9	using Excel may not be applicable				
	6	14.0	32	2.0					
	7	20.7	37	2.0					
	8	106.8	46	2.0					
	9	120.2	80	2.0					
	10	15.8	118	3.0					
	11	1.8	116	3.0					
	12	8.6	107	5.0					
	13	13.1	113	6.0					
	14	5.8	111	6.0					
	15	17.9	116	6.0					
	16	26.5	108	5.7					
	17	14.9	110	4.9					
	18	26.2	133	3.9					
	19	29.1	129	2.6					
	20	26.9	146	2.4					
	21	28.2	148	2.5					
	22	29.1	173	1.8					
	23	28.1	180	0.6					
8/31/2011	0	30.3	140	0.5					
	1	21.3	152	1.0					
	2	22.9	116	0.6					
	3	26.4	21	0.3					
	4	23.6	137	0.4					
	5	28.5	326	0.4					

	6	25.2	76	0.6			
	7	41.7	85	2.1			
	8	40.4	95	2.9			
	9	22.6	102	3.0			
	10	11.1	108	5.4			
Maximum		120.2	351	6.0			
Minimum		1.8	1	0.2			
Average		30.1	132	2.2			
Median		28.1	116.0	2.0			